

COATING DEVICE AND METHOD USING WIRE-WOUND RODS

Abstract

[0063] Continuous void-free uniform coatings are formed on substrates by repeatedly contacting the substrate at a first position with wetted surface portions of at least two rotating wire-wound coating rods and re-contacting the substrate with such wetted surface portions at a different position or positions on the substrate. The coating is repeatedly picked up from and placed onto the substrate and made more uniform. Extremely uniform and extremely thin coatings can be quickly and easily obtained using low cost equipment.